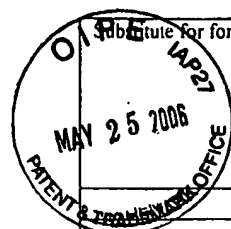


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Sheet 1 of 4

Complete if Known

Application Number	10/721,800
Filing Date	November 24, 2003
First named Inventor	Todd W. Johnson
Group Art Unit	2838
Examiner name	Robert J. Grant
Attorney Docket Number	066042-9537-00

U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
ET	4,973,896	Shiga et al.	11/27/1990
	5,206,097	Burns et al.	4/27/1993
	5,268,630	Bhagwat et al.	12/7/1993
	5,280,229	Faude et al.	1/18/1994
	5,350,993	Toya et al.	9/27/1994
	5,355,073	Nguyen	10/11/1994
	5,371,453	Fernandez	12/6/1994
	5,547,775	Eguchi et al.	8/20/1996
	5,567,542	Bae	10/22/1996
	5,598,085	Hasler	1/28/1997
	5,606,242	Hull et al.	2/25/1997
	5,684,387	Patino	11/4/1997
	5,691,620	Nagai et al.	11/25/1997
	5,691,623	Tsantilis	11/25/1997
	5,744,937	Cheon	4/28/1998
	5,757,163	Brotto et al.	5/26/1998
	5,789,900	Hasegawa et al.	8/4/1998
	5,894,212	Balogh	4/13/1999
	5,986,430	Fernandez et al.	11/16/1999
	5,998,966	Gaza	12/7/1999
↓	6,002,237	Gaza	12/14/1999
	6,040,683	Mottier	3/21/2000
ET	6,084,523	Gelnovatch et al.	7/4/2000

Examiner Signature	/Edward Tso/	Date Considered	10/2006
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 2 of 4		Complete if Known		
		Application Number Filing Date First named Inventor Group Art Unit Examiner name Attorney Docket Number	10/721,800 November 24, 2003 Todd W. Johnson 2838 Robert J. Grant 066042-9537-00	
U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
ET		6,124,698	Sakakibara	9/26/2000
		6,204,640	Sakakibara	3/20/2001
		6,337,557	Kates et al.	1/8/2002
		6,433,510	Ribellino et al.	8/13/2002
		2002/0125860	Schworm, Ernst; et al.	9/12/2002
		2002/0157516	Judge	10/31/2002
ET		2003/0096158	Takano et al.	5/22/2003

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
ET	DE	3637669	Robert Bosch GmbH	5/19/1988		X
	DE	10153083	FAHRZEUGAUSRUESTUNG BERLIN GMBH	5/22/2003		X
	DE	19617805	Makita Corp.	11/14/1996		X
	EP	265144	Clark Automotive Dev.	4/27/1988		
	EP	419806	Makita Electric Works, Ltd.	4/3/1991		
	EP	621990	Robert Bosch GmbH	11/2/1994		X
	EP	669692	Black & Decker Inc.	2/27/1995		
	EP	1017149	Black & Decker Inc.	4/4/2001		
	EP	1039612	Makita Corporation	9/27/2000		
	EP	1049187	Hitachi, Ltd.; Shin-Kobe Electric Machinery Co. Ltd.	4/28/2004		
ET	EP	1191616	Matsushita Electric Industrial Co., Ltd.	3/27/2002		

Examiner Signature	/Edward Tso/	Date Considered	10/2006
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				Application Number	10/721,800	
				Filing Date	November 24, 2003	
				First named Inventor	Todd W. Johnson	
				Group Art Unit	2838	
				Examiner name	Robert J. Grant	
				Attorney Docket Number	066042-9537-00	
U.S. Patent Documents						
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
ET ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	EP	1266725	Atlas Copco Electric Tools GmbH	12/18/2002	X	X
	GB	2336955	Motorola Inc.	11/3/1999		
	GB	2354891	Nippon Electric	4/4/2001		
	GB	2396755	Milwaukee Electric Tool Corporation	6/30/2004		
	JP	8196042	Fuji Photo Film	7/30/1996		X
	JP	2000102185	Mitsubishi	4/7/2000		X
	JP	2001112182	Matsushita	4/20/2001		X
	RO	116233	SC Eximprod Grup SA	11/30/2000		X
	WO	96/21954	Motorola Inc.	7/18/1996		
	WO	99/63613	International Components Corporation	12/9/1999		
	WO	00/49699	Microchip Technology Incorporated	8/24/2000		
ET	WO	01/03231	Matsushita Electric Industrial Co., Ltd.	1/11/2001		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
ET		Juzkow, Marc, "Development of a BB-2590/U rechargeable lithium-ion battery," <i>Journal of Power Sources</i> , vol. 80 (1999), p. 286-92, Elsevier Science S.A., 1999.
ET		Kim, Heesook P., et al., "Development of High Power Lithium/Thionyl Chloride Reserve Battery," <i>Proceedings of the Electrochemical Society</i> , vol. 97-18, p. 504-11, 1997.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 4 of 4		Application Number	10/721,800
		Filing Date	November 24, 2003
		First named Inventor	Todd W. Johnson
		Group Art Unit	2838
		Examiner name	Robert J. Grant
		Attorney Docket Number	066042-9537-00
U.S. Patent Documents			
ET		Sack, Thomas T., J. Croydon Tice, and Ran Reynolds, "Segmented Battery Charger for High Energy 28V Lithium Ion Battery," <i>IEEE AESS Systems Magazine</i> , vol. 16, September 2001, p. 15-18, IEEE, 2001.	
ET		Smart, M.C., et al., "Performance Characteristics of Yardney Lithium-Ion Cells for the Mars 2001 Lander Application," AIAA-2000-2914, vol 1, p. 629-37, Society of Automotive Engineers, Inc., 2000.	
ET		Smart, M.C., et al., "Lithium-Ion Cell Technology Demonstration for Future NASA Applications," 37th Intersociety Energy Conversion Engineering Conference, Smart-IECEC Paper 2002-20134, p. 297-304, IEEE, 2002.	
ET		Stassen, I., and G. Hambitzer, "Metallic lithium batteries for high power applications," <i>Journal of Power Sources</i> , vol. 105 (2002), p. 145-50, Elsevier Science B.V., 2002.	

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